

(54) LINE PRESSURE CONTROLLER FOR AUTOMATIC TRANSMISSION

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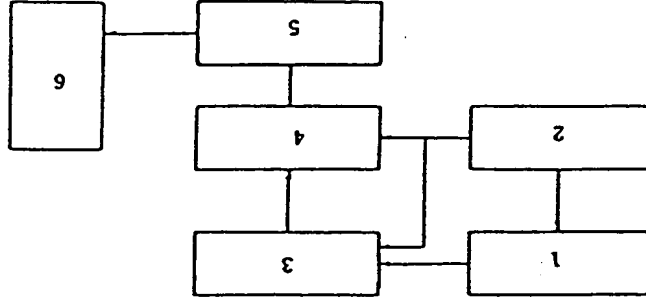
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Keine Form

PURPOSE: To reduce the shock by the changeover of the operation of auxiliaries so as to improve comfortableness in operation by putting it in constitution of properly controlling the line pressure of an automatic transmission, accompanying the operation changeover of auxiliaries driven by an engine.

CONSTITUTION: This line pressure controller for automatic transmission is equipped with a line pressure setting means, which sets the line pressure according to the quantity of fuel injection to be supplied to an engine or the value equivalent to this, and an auxiliaries consumption torque operating means, which operates the amount of engine output torque consumption by auxiliaries based on the quantity of fluctuation of engine operating conditions at the time of start-up of driving of the auxiliaries driven by the engine. And it is constituted such that the consumption torque operated by the auxiliaries consumption torque operating means is stored in an auxiliaries consumption torque storage means, that the driving of auxiliaries is detected by an auxiliaries driving detecting means, and that the line pressure set by the line pressure setting means is compensated based on the value stored in the auxiliaries consumption torque storage means, when the auxiliaries are driven, by a line pressure compensating means.



1: auxiliaries consumption torque operating means, 2: auxiliaries consumption torque storage means, 3: line pressure setting means, 4: pressure compensating means, 5: line pressure setting means, 6: automatic transmission (hydraulic circuit)

LEGENDE

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